



SACRAMENTO COUNTY EMPLOYEES' RET SYSTEM

**INVESTMENT PERFORMANCE ANALYSIS**

FOURTH QUARTER 2012

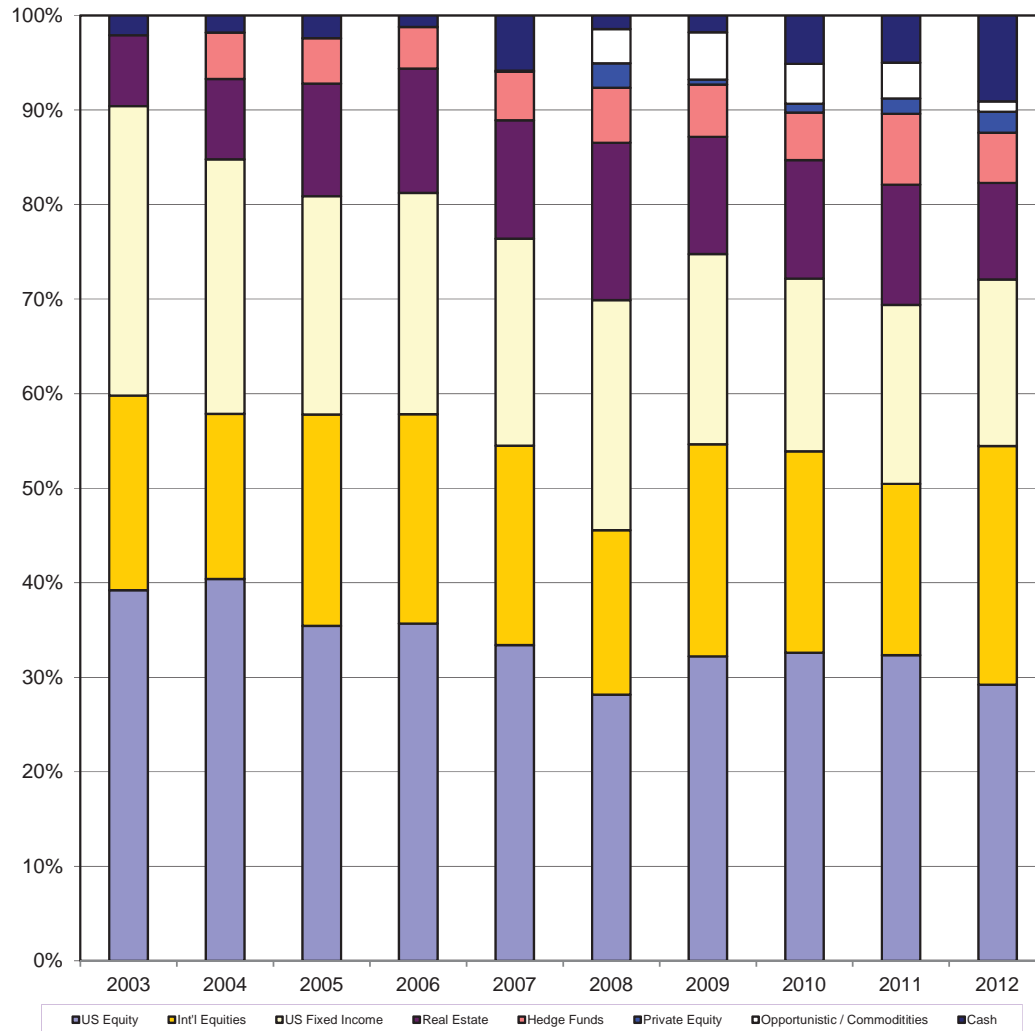
STRATEGIC INVESTMENT SOLUTIONS, INC.

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# Actual Yearly and Quarterly Asset Allocation

Periods Ending December 31, 2012



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	2003	2004	2005	2006	2007	2008
US Equity	39.2	40.4	35.4	35.5	33.1	27.2
International Equity	20.6	17.5	22.3	22.0	20.9	16.8
US Fixed Income	30.6	26.9	23.1	23.3	21.7	23.5
Real Estate	7.5	8.5	11.9	13.1	12.4	16.1
Hedge Funds	-	4.9	4.8	4.4	5.1	5.6
Private Equity	-	-	-	-	0.1	2.5
Opportunistic / Commodities	-	-	-	-	-	3.5
Cash	2.1	1.8	2.4	1.2	5.8	1.4
Other *	-	0.1	-	0.4	0.9	3.4

US Equity  
 International Equity  
 US Fixed Income  
 Real Estate  
 Hedge Funds  
 Private Equity  
 Opportunistic / Commodities  
 Cash  
 Other \*

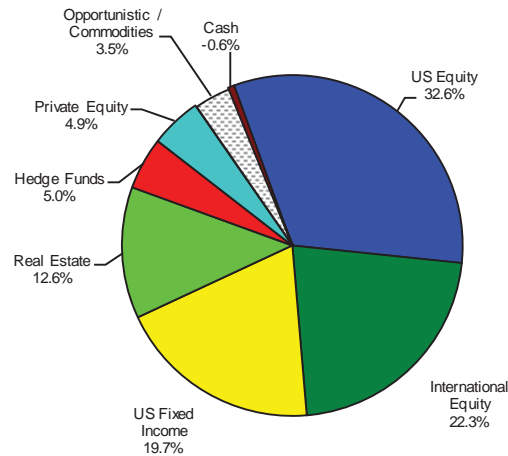
	2009	2010	2011	2012
US Equity	30.9	31.7	31.4	28.4
International Equity	21.5	20.7	17.6	24.5
US Fixed Income	19.3	17.8	18.4	17.1
Real Estate	11.9	12.2	12.4	9.9
Hedge Funds	5.3	4.9	7.3	5.2
Private Equity	0.5	0.9	1.6	2.2
Opportunistic / Commodities	4.8	4.1	3.7	1.1
Cash	1.7	5.0	4.9	8.8
Other *	4.1	2.6	2.7	2.9

\*\* Calendar year period

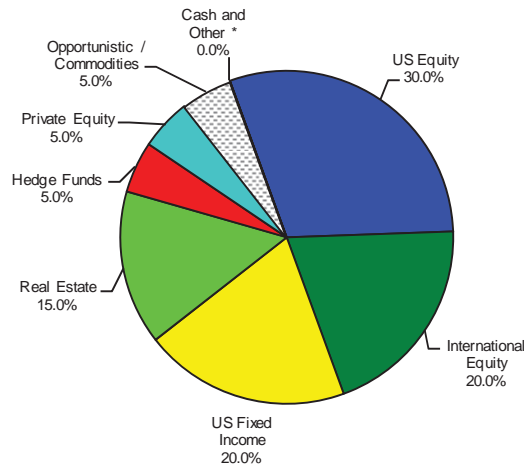
Asset Allocation Analysis – Total Plan

As of December 31, 2012

**Current w/Overlay**



**Target**



ASSET ALLOCATION	MARKET VALUE		
	W/OVERLAY	W/OVERLAY	W/O OVERLAY
US Equity	2,142,312,297	32.6%	28.4%
International Equity	1,464,628,411	22.3%	24.5%
US Fixed Income	1,292,142,866	19.7%	17.1%
Real Estate	829,685,179	12.6%	9.9%
Hedge Funds	330,099,836	5.0%	5.2%
Private Equity	322,921,299	4.9%	2.2%
Opportunistic / Commodities	231,998,386	3.5%	1.0%
Cash and Other *	-39,927,977	-0.6%	11.7%
<b>TOTAL</b>	<b>6,573,860,296</b>	<b>100.0%</b>	<b>100.0%</b>

ASSET ALLOCATION	ACTUAL	TARGET	DIFF
US Equity	32.6%	30.0%	2.6%
International Equity	22.3%	20.0%	2.3%
US Fixed Income	19.7%	20.0%	-0.3%
Real Estate	12.6%	15.0%	-2.4%
Hedge Funds	5.0%	5.0%	0.0%
Private Equity	4.9%	5.0%	-0.1%
Opportunistic / Commodities	3.5%	5.0%	-1.5%
Cash and Other *	-0.6%	0.0%	-0.6%

ASSET ALLOCATION	TARGET	MEDIAN	DIFF
US Equity	30.0%	28%	2.0%
International Equity	20.0%	18%	2.0%
US Fixed Income	20.0%	27%	-7.0%
Real Estate	15.0%	7%	8.0%
Hedge Funds	5.0%	8%	-3.0%
Private Equity	5.0%	8%	-3.0%
Opportunistic / Commodities	5.0%	0%	5.0%
Cash and Other *	0.0%	4%	-4.0%

\* Other includes SSgA Overlay of \$193 million and closing accounts (Bank of Ireland, Heitman).

- The Total Plan returned 1.8% in the fourth quarter of 2012 and ranked in the 75<sup>th</sup> percentile among other public funds greater than \$1 billion (2.1% median). The fund lagged its policy index (2.4%) during this time period. The Total Plan w/o overlay returned 2.0% for the quarter. Longer term, the five and ten-year returns of 2.0% and 7.6%, ranked below and with the median among large public plans (3.1% and 7.9%, respectively).
  
- Fourth quarter results were enhanced by the following factors:
  1. JP Morgan 130/30 surpassed its benchmark, the Russell 1000 Index (0.8% vs. 0.1%) and ranked in the 37<sup>th</sup> percentile among large cap core managers. During the quarter, long investments in the industrial cyclical (Lam Research), autos & transportation (General Motors) and energy (General Electric) sectors worked well.
  2. Brown Advisory fared better than the Russell 1000 Growth Index (-0.6% vs. -1.3%). Brown ranked in the second quartile among large cap growth managers (median of -0.9%). Stock selection in Consumer Discretionary (Fossil) and Info Tech (Amphenol, Salesforce.com) investments were factors of out-performance.
  3. Eagle, 2.0%, returned above the median large cap value manager (1.3%) and the Russell 1000 Index (0.1%), ranking its portfolio in the 36<sup>th</sup> percentile among its peers. Strong security selection and a relative half-weight in the Energy sector (Noble Energy) positively impacted performance.
  4. Small growth manager MA Weatherbie was ahead of the Russell 2000 Growth Index (2.0% vs. 0.4%) and ranked in the top quartile among its peers (median 0.2%). Performance attribution came primarily from its above par Healthcare investments (PSS World Medical, Biomarin Pharmaceuticals) and relative double-weight to Financials.
  5. Turner (0.9%) led the Russell 2000 Growth Index (0.4%) and ranked in the second quartile among small growth managers (0.2%) median. Security selection in the Industrials (US Airways, Avis Budget Group, USG), Materials (Louisiana Pacific) and Healthcare (PSS World Medical) sectors contributed to performance.
  6. Dalton Greiner (4.5%) was above par for the quarter; it placed ahead of its benchmark, the Russell 2000 Value Index (3.2%). Its peer median returned 4.0%; the portfolio ranked in the 33<sup>rd</sup> percentile among small cap value managers. Selection to Healthcare (Icon), Materials (Polyone, Reliance Steel and Aluminum) and Industrials (Emcor Group, Beacon Roofing Supply, Brady) investments fared well during the quarter.

7. Ahead of the Russell 2000 Value Index (3.2%), T S & W was up 3.5%, ranking 62<sup>nd</sup> among its small value peers. Its positive security selection in the Financials (Ocwen Financial), Energy (Western Refining) and Healthcare (Questcor Pharmaceuticals, Santarus) sectors helped results.
8. WEDGE Capital returned 5.6%. It ranked in the 16<sup>th</sup> percentile among small cap value managers. The Russell 2000 Value Index returned 3.2% during the same time period. Its double-weight exposure to and select positions in the Industrials sector (US Airways, Viad, Steelcase, Ryder System, Belden) were additive to performance.
9. Lazard beat the MSCI ACWI ex US Index during the quarter (6.3% vs. 5.9%) and ranked in the third quartile among EAFE large cap core managers (median of 6.5%). Lazard carried strong investments in the consumer discretionary sector (Sky Deutschland, Miediaset Espana Comunicacion, Asic, Christian Dior, Associated British Foods) and low exposure in the weak telecom series and utilities sectors.
10. The Mondrian quarterly result of 6.4% led its benchmark, the MSCI World ex US Small Index (4.9%), and ranked in the top quartile among ACWI ex US small cap managers (median of 4.8%). Positive contributions arose from stock selection in Australia, the Netherlands, underweight to Canada and overweight exposure to the euro.
11. William Blair led its benchmark, the MSCI World ex US Small Cap Index (5.3% vs. 4.9%) and ranked in the 36<sup>th</sup> percentile among international developed market small cap managers. Fourth quarter results were bolstered by strong auto and household durables performance and its overweight to these industries.
12. Ahead of the MSCI Emerging Markets Index (5.6%), Capital Guardian appreciated 6.1%, ranking 58<sup>th</sup> percentile among its peers. Stock selection in China lifted returns, particularly investments in energy (China Shenhua Energy, China Petroleum & Chemical Corp) and infrastructure-related stocks.
13. Non-US REIT manager CBRE Clarion beat the FTSE EPRA NAREIT Developed ex US Index (9.3% vs. 8.5%).
14. The Bradford & Marzec 0.9% return surpassed its benchmark, the Barclays Aggregate Index (0.2%) and ranked in the top quartile among core bond managers, median return of 0.5%. The main contributors to excess returns were an overweight to credit sectors, particularly high yield, and security selection in investment grade credit and securitized products.
15. Neuberger Berman-Fixed's return of 0.3% ranked in the 74<sup>th</sup> percentile among its fixed income peer group. The Barclays Aggregate Index returned 0.2%. Benefiting results were an overweight to CMBS and an allocation to floaters.
16. TCW MetWest (0.8%) beat the Barclays Aggregate Index (0.2%) and ranked above the fixed income core manager median of 0.5%. Significant overweight to financials (large domestic money center banks), structured products and senior non-agency MBS were contributors to performance.

17. The Hedge Fund Composite was ahead of the 91 Day T-Bill + 5% Index (2.6% vs. 1.2%) and ranked in the top quartile among its peers (median of 2.1%). Third Point Offshore (8.5%), Oz Domestic Partners II (3.7%) and Elliot (3.6%) were the top performers. Blue Crest (0.9%) and Grosvenor (1.6%) fared the worst.
  18. Commodities managers Blackstone and Gresham (formerly Neuberger) carried returns of -4.3% and -5.0%, respectively. The DJ UBS Commodities Index was down 6.3%.
  19. The SSgA Real Asset Fund matched its custom benchmark return (-0.2% vs. -0.2%).
  20. The combined Real Estate-Separate Account portfolios matched their benchmark, the NCREIF Property Index (2.5%). BlackRock I, BlackRock II and Cornerstone Leveraged accounts returned 2.2%, 0.7% and 3.4%, respectively. Unleveraged, quarterly returns were 2.1%, 0.8% and 2.5%, respectively.
  21. The Opportunistic Composite added 3.8% for the quarter while the Barclays Aggregate Index returned 0.2%. Both PIMCO Distressed Mortgage (5.3%) and TCW MetWest TALF (1.7%) surpassed their benchmark.
  22. Combined, the Value Added Real Estate managers fared better than the one-quarter lag NCREIF +2% Index (3.8% vs. 2.8%). AEW, Hines US Office II and UBS performance were 4.8%, 5.4% and 2.5%, respectively.
- Fourth quarter results were hindered by the following factors:
    1. Huber Capital's return of 0.3% ranked in the third quartile among large cap value managers (median 1.3%) and behind its benchmark, the Russell 1000 Value Index (1.5%). It carried below par Info Tech (Western Union, Hewlett-Packard, CA) and Utilities (Vodafone, Entergy) investments.
    2. Combined, the US REIT managers under-performed. Principal Global, Urdang and the NAREIT Equity Index had quarterly results of 2.5%, 2.5% and 3.1%, respectively.
    3. Baring Asset was behind its benchmark for the quarter. Barings dropped 0.1% while the MSCI World ex US Index was up 5.9%, ranking in the bottom quartile among EAFE large cap core managers. Stock selection in Japan (Rakuten) and the Pacific ex Japan (materials and energy stocks) and an overweight to Israel were negative factors to performance alpha.
    4. LSV (6.4%) under-performed the MSCI World ex US Index (5.9%) and ranked 48<sup>th</sup> among EAFE large cap value equity managers (6.4% median). LSV maintained its sector allocations from the prior quarter. It carried subpar Japanese investments.

5. The Private Equity Composite carried a quarterly time-weighted rate of return (one-quarter lagged) of 1.4% for the fourth quarter while its benchmark, the one-quarter lag Russell 1000 +3% Index (changed from S&P 500 +2% 1QL) appreciated 7.1%. Goldman Sachs X and HarbourVest VIII gained 4.3% and 1.8%, respectively. Waterland V (-6.4%), HarbourVest International VI (-1.8%) and New Enterprise (-1.8%) fared the worst.
6. The Real Estate-Limited Partnerships lagged their benchmark, the NCREIF ODCE Index (2.1% vs. 2.4%). BlackRock Granite and Cornerstone Patriot quarterly returns were 2.3% and 1.9%, respectively.

Performance Summary

Periods Ending December 31, 2012

	Asset \$	%	1 Quarter		Fiscal YTD		1 Year		3 Year		5 Year		Since Inception	
			Return	Rank *	Return	Rank	Return	Rank	Return	Rank	Return	Rank	Return	
<b>TOTAL FUND *</b>														
Sacramento County - Gross	6,573,860,297	100.0%	1.8	75	7.4	41	13.7	29	8.9	58	2.0	78	8.4	Jul-86
Sacramento County - Net			1.8	79	7.2	50	13.4	36	8.6	74	1.7	86	8.2	
Policy Index <sup>1</sup>			2.4	24	6.1	87	13.4	36	9.1	40	2.8	60	8.7	
Allocation Index			2.0		7.2		12.6							
Sacramento County w/o Overlay - Gross**			2.0	61	7.2	50	13.5	35	8.3	89	1.5	88	8.2	Jul-86
Sacramento County w/o Overlay - Net			1.9	72	7.1	59	13.2	37	7.9	94	1.2	90	8.0	
Policy Index <sup>1</sup>			2.4	24	6.1	87	13.4	36	9.1	40	2.8	60	8.7	
IF Public DB > \$1B Gross Median			2.1		7.2		13.0		9.0		3.1		8.5	
<b>US EQUITY MANAGERS</b>														
<b>Large Cap</b>														
JP Morgan 130/30 - Gross	76,085,301	1.2%	0.8	37	9.2	14	19.3	29	10.2	80			7.4	Aug-08
JP Morgan 130/30 - Net			0.6		8.8		18.4		9.4				6.7	
Russell 1000 Index			0.1	49	6.4	55	16.4	64	11.1	63			5.2	
Equity Active (130/30) <sup>2</sup>	76,085,301	1.2%	0.8		9.3		19.6		10.5				8.0	Oct-08
Russell 1000 Index			0.1		6.4		16.4		11.1				7.6	
Alliance Bernstein - Gross	858,466,016	13.1%	0.1	24	6.4	29	16.3	30	11.0	25	1.9	28	9.0	May-89
Alliance Bernstein - Net			0.1		6.3		16.3		11.0		1.9		9.0	
Russell 1000 Index <sup>1</sup>			0.1	20	6.4	24	16.4	25	11.1	20	1.9	28	8.2	
Large Cap - Index	858,466,016	13.1%	0.1		6.4		16.3		11.0				7.6	Oct-08
Russell 1000 Index			0.1		6.4		16.4		11.1				7.6	

\* Total Fund and asset class composites are ranked against InvestorForce universes. Managers are ranked against eVestment Alliance manager universes. Ranking of 1 is a top ranking and ranking off 100 is bottom ranking.

\*\* Returns from 2/1/06 to 12/31/10 were calculated using the overlay impact provided by SSgA.

<sup>1</sup> See Appendix for Benchmark History.

<sup>2</sup> BlackRock 130/30 was terminated in June 2012.



Performance Summary

Periods Ending December 31, 2012

	Asset \$	%	1 Quarter		Fiscal YTD		1 Year		3 Year		5 Year		Since Inception	
			Return	Rank *	Return	Rank	Return	Rank	Return	Rank	Return	Rank	Return	
Brown Advisory - Gross	77,968,287	1.2%	-0.6	44	7.1	26							2.6	Mar-12
Brown Advisory - Net			-0.7		7.0								2.5	
Russell 1000 Growth Index			-1.3	64	4.7	63							3.8	
<b>Large Cap - Growth</b>	<b>77,969,014</b>	<b>1.2%</b>	<b>-0.6</b>		<b>7.1</b>		<b>15.1</b>		<b>10.6</b>				<b>7.6</b>	<b>Oct-08</b>
Russell 1000 Growth Index			-1.3		4.7		15.3		11.4				9.4	
Eagle Capital - Gross	165,196,530	2.5%	2.0	36	7.2	57							9.4	Mar-12
Eagle Capital - Net			1.8		7.0								9.1	
Russell 1000 Index			0.1	80	6.4	71							6.3	
Russell 1000 Value Index			1.5	45	8.1	43							8.9	
Huber Capital - Gross	81,101,348	1.2%	0.3	75	6.6	69							7.7	Mar-12
Huber Capital - Net			0.1		6.2								7.2	
Russell 1000 Value Index			1.5	45	8.1	43							8.9	
<b>Large Cap - Value</b>	<b>246,299,126</b>	<b>3.7%</b>	<b>1.4</b>		<b>7.0</b>		<b>20.6</b>		<b>10.6</b>				<b>7.2</b>	<b>Oct-08</b>
Russell 1000 Value Index			1.5		8.1		17.5		10.9				5.8	
<b>US Equity - Large Cap Composite</b>	<b>1,258,826,646</b>	<b>19.1%</b>	<b>0.4</b>		<b>6.7</b>		<b>17.3</b>		<b>10.9</b>		<b>1.0</b>		<b>3.3</b>	<b>Apr-98</b>
Russell 1000 Index			0.1		6.4		16.4		11.1		1.9		3.9	
<b>Small Cap</b>														
M.A. Weatherbie - Gross	114,607,707	1.7%	2.0	19	7.8	25	14.9	43	14.9	42	5.9	25	10.4	Jan-03
M.A. Weatherbie - Net			1.7		7.4		14.0		13.9		5.0		9.5	
Russell 2000 Growth Index			0.4	45	5.3	51	14.6	48	12.8	66	3.5	54	9.8	
Turner - Gross	115,587,392	1.8%	0.9	36	6.3	38	13.6	58					13.5	Aug-10
Turner - Net			0.6		6.1		13.3						13.0	
Russell 2000 Growth Index			0.4	45	5.3	51	14.6	48					14.2	
<b>Small Cap - Growth</b>	<b>230,195,099</b>	<b>3.5%</b>	<b>1.4</b>		<b>7.1</b>		<b>14.2</b>		<b>12.7</b>				<b>8.4</b>	<b>Oct-08</b>
Russell 2000 Growth Index			0.4		5.3		14.6		12.8				8.3	

Performance Summary

Periods Ending December 31, 2012

	Asset \$	%	1 Quarter		Fiscal YTD		1 Year		3 Year		5 Year		Since Inception		
			Return	Rank *	Return	Rank	Return	Rank	Return	Rank	Return	Rank	Return		
Dalton Greiner - Gross	110,088,935	1.7%	4.5	33	11.1	27	20.8	25	14.7	23	6.9	32	10.1	Jan-01	
Dalton Greiner - Net			4.2		10.6		19.9		13.8		6.0		9.2		
Russell 2000 Value Index			3.2	67	9.1	55	18.0	43	11.6	72	3.5	86	7.9		
Thompson, Siegel & Walmsley - Gross	55,546,831	0.8%	3.5	62	8.2	67	17.8	43	10.8	81			3.3	May-08	
Thompson, Siegel & Walmsley - Net			3.3		7.7		16.7		10.0				2.5		
Russell 2000 Value Index			3.2	67	9.1	55	18.0	43	11.6	72			4.6		
Wedge Capital - Gross	66,231,291	1.0%	5.6	16	9.6	50	18.2	41	13.3	45			6.4	May-08	
Wedge Capital - Net			5.3		9.1		17.1		12.4				5.5		
Russell 2000 Value Index			3.2	67	9.1	55	18.0	43	11.6	72			4.6		
<b>Small Cap - Value</b>	<b>231,867,056</b>	<b>3.5%</b>	<b>4.6</b>		<b>10.0</b>		<b>19.4</b>		<b>13.4</b>				<b>7.8</b>	<b>Oct-08</b>	
Russell 2000 Value Index			3.2		9.1		18.0		11.6				5.5		
<b>US Equity - Small Cap Composite</b>	<b>462,062,155</b>	<b>7.0%</b>	<b>3.0</b>		<b>8.5</b>		<b>16.8</b>		<b>13.1</b>		<b>3.3</b>		<b>11.7</b>	<b>Jan-91</b>	
Russell 2000 Index			1.9		7.2		16.3		12.2		3.6		10.3		
<b>REITS</b>															
Principal Global - Gross	68,112,397	1.0%	2.5	50	2.8	48	18.0	46	18.0	87	7.3	43	6.2	Feb-06	
Principal Global - Net			2.1		2.3		17.3		17.4		6.7		5.7		
FTSE NAREIT All Equity REIT			3.1	22	4.2	17	19.7	20	18.4	78	5.7	83	5.0		
Urdang - Gross	74,693,228	1.1%	2.5	52	2.3	65	17.7	64	19.6	14	8.9	17	7.6	Feb-06	
Urdang - Net			2.4		1.9		17.0		19.0		8.3		7.1		
FTSE NAREIT All Equity REIT			3.1	22	4.2	17	19.7	20	18.4	78	5.7	83	5.0		
<b>US Equity Composite</b>	<b>1,863,694,426</b>	<b>28.4%</b>	<b>1.2</b>	<b>28</b>	<b>6.8</b>	<b>48</b>	<b>17.6</b>	<b>16</b>	<b>11.5</b>	<b>41</b>	<b>1.5</b>	<b>70</b>	<b>9.3</b>	<b>Jul-86</b>	
US Equity Benchmark <sup>1</sup>			0.2	73	6.5	62	16.4	42	11.2	52	2.0	54	9.4		
IF All DB US Eq Gross Median			0.6		6.8		16.2		11.3		2.2				
<b>INTERNATIONAL EQUITY MANAGERS</b>															
<b>Developed Markets</b>															
Baring Asset Management - Gross <sup>3</sup>	342,824,537	5.2%	-0.1	99	9.3	99							9.3	Jul-12	
Baring Asset Management - Net			-0.2		9.1									9.1	
MSCI World -ex US Index			5.9	53	13.7	51								13.7	

<sup>1</sup> See Appendix for Benchmark History.

<sup>3</sup> Funded in June 2012.

Performance Summary

Periods Ending December 31, 2012

	Asset \$	%	1 Quarter		Fiscal YTD		1 Year		3 Year		5 Year		Since Inception		
			Return	Rank *	Return	Rank	Return	Rank	Return	Rank	Return	Rank	Return		
Lazard Asset Management - Gross <sup>4</sup>	321,327,348	4.9%	6.3	54	14.8	41							14.8	Jul-12	
Lazard Asset Management - Net			6.3		14.7									14.7	
MSCI ACWI -ex US Index			5.9	73	13.8	60								13.8	
LSV International - Gross	373,210,266	5.7%	6.4	48	16.5	19	17.8	54	3.0	74	-4.8	86	2.8	Jan-05	
LSV International - Net			6.3		16.2		17.5		2.7		-5.2		2.2		
MSCI World -ex US Index <sup>5</sup>			5.9	65	13.7	53	16.6	67	2.3	78	-4.0	85	3.3		
MSCI EAFE Value Index			7.4	31	15.6	25	18.4	52	2.8	75	-3.7	83	3.5		
Mondrian - Gross	72,764,825	1.1%	6.4	18	16.0	21	25.6	32					15.1	Sep-10	
Mondrian - Net			6.3		15.6		24.7						14.5		
MSCI World Small Cap - ex US Index			4.9	47	14.0	43	17.9	86						10.1	
William Blair - Gross	78,429,698	1.2%	5.3	36	14.3	32	22.8	52	12.3	17			11.4	Oct-08	
William Blair - Net			5.0		13.8		21.7		11.2				10.2		
MSCI World Small Cap - ex US Index			4.9	47	14.0	43	17.9	86	7.6	76				9.0	
<b>International Equity - Developed</b>	<b>1,189,072,970</b>	<b>18.1%</b>	<b>4.4</b>	<b>86</b>	<b>13.7</b>	<b>53</b>	<b>16.4</b>	<b>66</b>	<b>4.1</b>	<b>48</b>	<b>-2.8</b>	<b>48</b>	<b>3.5</b>	<b>Apr-98</b>	
MSCI EAFE Index			6.6	39	14.0	46	17.9	46	4.0	49	-3.2	54	3.9		
IF All DB Dev Mkt ex-US Eq Gross Median			6.1		13.9		17.4		4.0		-3.0				
<b>Emerging Markets</b>															
Cap Guardian Emg Mkts Growth - Gross	298,401,636	4.5%	6.1	58	13.7	66	14.2	95	1.5	94	-1.2	68	8.3	Feb-00	
Cap Guardian Emg Mkts Growth - Net			6.1		13.7		14.2		1.4		-1.5		7.8		
MSCI Emerging Markets Index			5.6	70	13.9	63	18.6	68	5.0	60	-0.6	56	8.9		
<b>International Equity - Emerging</b>	<b>298,401,636</b>	<b>4.5%</b>	<b>6.1</b>	<b>59</b>	<b>13.7</b>	<b>73</b>	<b>14.2</b>	<b>94</b>	<b>1.5</b>	<b>99</b>	<b>-1.2</b>	<b>54</b>	<b>8.3</b>	<b>Feb-00</b>	
MSCI Emerging Markets Index			5.6	72	13.9	69	18.6	72	5.0	44	-0.6	52	8.9		
IF All DB Emg Mkt Eq Gross Median			6.5		14.9		20.3		3.8		-0.4				
<b>REITs</b>															
CBRE Clarion - Gross	125,375,972	1.9%	9.3	1	20.8	1	37.6	1	10.0	99			19.2	Nov-08	
CBRE Clarion - Net			9.3		20.6		37.4		9.8				19.0		
FTSE NAREIT Developed ex US Gross			8.5	1	19.9	1	38.6	1	10.8	99				16.9	
<b>International Equity Composite <sup>6</sup></b>	<b>1,612,850,579</b>	<b>24.5%</b>	<b>5.1</b>	<b>91</b>	<b>14.2</b>	<b>47</b>	<b>17.6</b>	<b>69</b>	<b>4.0</b>	<b>69</b>	<b>-2.1</b>	<b>37</b>	<b>6.5</b>	<b>Jan-88</b>	
MSCI ACWI -ex US Index <sup>1</sup>			5.9	68	13.8	55	17.4	70	4.3	60	-2.4	45	6.5		
IF All DB ex-US Eq Gross Median			6.6		14.0		18.7		4.6		-2.7				

<sup>1</sup> See Appendix for Benchmark History.

<sup>4</sup> Lazard Asset Management funded in June 2012.

<sup>5</sup> Benchmark mandate changed to MSCI World -ex US Index on 6/20/12. The effective date for performance is 7/1/12.

<sup>6</sup> International Equity Composite includes closing managers: Capital Guardian - Developed, Invesco and Transition account.

Performance Summary

Periods Ending December 31, 2012

	Asset \$	%	1 Quarter		Fiscal YTD		1 Year		3 Year		5 Year		Since Inception	
			Return	Rank *	Return	Rank	Return	Rank	Return	Rank	Return	Rank	Return	
<b>US FIXED INCOME MANAGERS</b>														
<b>CORE</b>														
Bradford & Marzec - Gross	367,639,447	5.6%	0.9	12	3.8	11	9.2	6	8.3	13	8.5	4	8.4	Jul-88
Bradford & Marzec - Net			0.9		3.7		8.9		8.0		8.2		8.2	
Barclays Aggregate Index <sup>1</sup>			0.2	82	1.8	87	4.2	89	6.2	84	6.0	85	7.2	
Neuberger - Gross	366,236,578	5.6%	0.3	74	2.3	65	5.4	63	7.1	51	7.0	36	7.5	Jul-88
Neuberger - Net			0.3		2.3		5.4		7.0		6.9		7.4	
Barclays Aggregate Index			0.2	82	1.8	87	4.2	89	6.2	84	6.0	85	7.2	
TCW MetWest Fixed - Gross	390,498,115	5.9%	0.8	18	4.9	4	10.7	1	10.1	2	9.6	1	7.6	Jan-02
TCW MetWest Fixed - Net			0.8		4.8		10.5		9.8		9.3		7.4	
Barclays Aggregate Index			0.2	82	1.8	87	4.2	89	6.2	84	6.0	85	5.6	
<b>US Fixed Income Composite</b>	<b>1,124,374,140</b>	<b>17.1%</b>	<b>0.7</b>	<b>53</b>	<b>3.7</b>	<b>44</b>	<b>8.4</b>	<b>44</b>	<b>8.5</b>	<b>37</b>	<b>8.4</b>	<b>29</b>	<b>8.0</b>	<b>Jul-86</b>
Barclays Aggregate Index <sup>1</sup>			0.2	85	1.8	89	4.2	90	6.2	81	6.0	76	7.2	
IF All DB US Fix Inc Gross Median			0.7		3.4		7.8		7.8		7.1			
<b>HEDGE FUND MANAGERS <sup>7</sup></b>														
Blue Crest - Gross <sup>8</sup>	30,962,550	0.5%	0.9		3.4								3.2	Apr-12
Blue Crest - Net			0.9	73	3.4	71							3.2	
91 Day T Bill + 5%			1.2	65	2.5	81							3.4	
Claren Road Credit - Gross	30,738,576	0.5%	3.5		2.6								3.8	Feb-12
Claren Road Credit - Net			3.0	32	1.6	89							2.5	
91 Day T Bill + 5%			1.2	79	2.5	87							4.6	
Elliot Associate - Gross <sup>8,9</sup>	2,650,175	0.0%	3.6		8.8								6.0	Apr-12
Elliot Associate - Net			3.6		8.8								6.0	
91 Day T Bill + 5%			1.2		2.5								3.8	
Grosvenor - Gross	2,180,073	0.0%	1.6		3.4		5.8		1.6		-1.3		3.5	Sep-04
Grosvenor - Net			1.6	55	3.4	71	5.7	61	1.3	77	-1.7	78	2.9	
91 Day T Bill + 5%			1.2	65	2.5	81	5.1	68	5.1	19	5.5	4	6.9	
Grosvenor SC Absolute Return - Gross	211,435,525	3.2%	1.9		5.4		9.5						8.4	Dec-11
Grosvenor SC Absolute Return - Net			1.7		4.9		8.7						7.6	
91 Day T Bill + 5%			1.2		2.5		5.1						5.1	

<sup>1</sup> See Appendix for Benchmark History.

<sup>7</sup> Hedge Fund managers are ranked in the eVestment Alliance net of fee universe.

<sup>8</sup> Funded in April 2012.

<sup>9</sup> Preliminary returns as of 11/30/12 (December returns are not available at reporting period.)

Performance Summary

Periods Ending December 31, 2012

	Asset \$	%	1 Quarter		Fiscal YTD		1 Year		3 Year		5 Year		Since Inception	
			Return	Rank *	Return	Rank	Return	Rank	Return	Rank	Return	Rank	Return	
Oz Domestic Partners II - Gross	33,673,224	0.5%	3.7		8.3		15.1						15.1	Jan-12
Oz Domestic Partners II - Net			3.0	17	6.9	14	12.2	9					12.2	
91 Day T Bill + 5%			1.2	65	2.5	81	5.1	68					5.1	
Third Point Offshore Fund - Gross <sup>8</sup>	28,216,422	0.4%	8.5		15.8								12.9	Apr-12
Third Point Offshore Fund - Net			8.5	7	15.8	7							12.9	
91 Day T Bill + 5%			1.2	83	2.5	90							3.4	
<b>Hedge Fund Composite <sup>7</sup></b>	<b>339,856,545</b>	<b>5.2%</b>	<b>2.6</b>	<b>20</b>	<b>6.0</b>	<b>11</b>	<b>9.2</b>	<b>17</b>	<b>4.2</b>	<b>31</b>	<b>-0.2</b>	<b>58</b>	<b>4.8</b>	<b>Sep-04</b>
91 Day T Bill + 5%			1.2	82	2.5	88	5.1	78	5.1	24	5.5	2	6.9	
IF All DB Hedge Funds Gross Median			2.1		4.9		6.9		3.5		0.0			
<b>PRIVATE EQUITY MANAGERS <sup>9</sup></b>														
Abbott VI	23,950,936	0.4%	-0.1		-1.0		3.6		-1.1				-8.8	Aug-08
Russell 1000 + 3% 1 Quarter Lag			7.1		4.4		33.0		15.4				5.4	
Garrison Investment Group	5,340,894	0.1%	-0.7		-2.5								-2.5	Jun-12
Russell 1000 + 3% 1 Quarter Lag			7.1		4.4								8.0	
Goldman Sachs X	42,527,620	0.6%	4.3		5.8		5.1		4.9				-19.3	Jul-08
Russell 1000 + 3% 1 Quarter Lag			7.1		4.4		33.0		15.4				6.4	
HarbourVest VIII	36,720,034	0.6%	1.8		23.4		9.1		12.0		4.1		4.1	Jan-08
Russell 1000 + 3% 1 Quarter Lag			7.1		4.4		33.0		15.4		3.2		3.2	
HarbourVest Intl VI	9,209,539	0.1%	-1.8		-3.5		-5.8		-27.0				-34.5	Apr-09
Russell 1000 + 3% 1 Quarter Lag			7.1		4.4		33.0		15.4				17.9	
Khosla Ventures IV	2,583,095	0.0%	-1.3		12.6		9.2						0.3	Aug-11
Russell 1000 + 3% 1 Quarter Lag			7.1		4.4		33.0						8.7	
New Enterprise Associates	4,368,943	0.1%	-1.8		-4.8								-4.8	Jun-12
Russell 1000 + 3% 1 Quarter Lag			7.1		4.4								8.0	
Summit Credit	11,319,960	0.2%	-0.7		3.8		-5.0						-4.3	Nov-11
Russell 1000 + 3% 1 Quarter Lag			7.1		4.4		33.0						15.0	
Summit Venture	2,108,323	0.0%	0.0		-5.2								-5.2	Jul-12
Russell 1000 + 3% 1 Quarter Lag			7.1		4.4								4.4	
Waterland V	3,967,617	0.1%	-6.4		-18.6		-47.0						-55.4	Sep-11
Russell 1000 + 3% 1 Quarter Lag			7.1		4.4		33.0						10.1	

<sup>1</sup> See Appendix for Benchmark History.

<sup>7</sup> Hedge Fund managers are ranked in the eVestment Alliance net of fee universe.

<sup>8</sup> Funded in April 2012.

<sup>9</sup> Returns are one-quarter lag.

Performance Summary

Periods Ending December 31, 2012

	Asset \$	%	1 Quarter		Fiscal YTD		1 Year		3 Year		5 Year		Since Inception	
			Return	Rank *	Return	Rank	Return	Rank	Return	Rank	Return	Rank	Return	
<b>Private Equity Composite</b>	<b>142,096,961</b>	<b>2.2%</b>	<b>1.4</b>	<b>48</b>	<b>7.5</b>	<b>10</b>	<b>3.0</b>	<b>86</b>	<b>6.0</b>	<b>87</b>	<b>-11.1</b>	<b>99</b>	<b>-11.1</b>	<b>Jan-08</b>
<i>Russell 1000 + 3% 1 Quarter Lag</i>			7.1	3	4.4	37	33.0	1	15.4	2	3.2	60	3.2	
<i>IF All DB Private Eq Net Median</i>			1.0		3.3		8.8		11.0		3.6			
<b>REAL ASSETS MANAGERS</b>														
<i>Blackstone Commodities - Gross</i>	65,990,692	1.0%	-4.3		5.3		1.4		3.3				0.6	May-08
<i>DJ UBS Commodity TR USD</i>			-6.3		2.7		-1.1		0.1				-8.1	
<i>Gresham Investment Management - Gross</i>	41,188,155	0.6%	-5.0		4.1		-0.4		3.2				-8.4	May-08
<i>DJ UBS Commodity TR USD</i>			-6.3		2.7		-1.1		0.1				-8.1	
<i>SSgA Real Asset - Gross</i>	37,260,434	0.6%	-0.2		5.2		7.3		8.9				-0.3	Mar-08
<i>SSgA Real Asset - Net</i>			-0.2		5.1		7.2		8.8				-0.4	
<i>Blended Benchmark <sup>1</sup></i>			-0.2		5.2		7.3		8.8				1.0	
<b>RE Separate Account Portfolios</b>														
<i>BlackRock Leveraged - Gross</i>	207,041,155	3.2%	2.2		6.3		13.6		18.2		-0.2		9.0	Jan-99
<i>BlackRock Leveraged - Net</i>			2.1		6.1		13.0		17.4					
<i>NCREIF Property Index</i>			2.5		4.9		10.5		12.6		2.1		8.7	
<i>BlackRock Unleveraged</i>			2.1		5.7		11.8		13.9		2.7		10.0	Oct-95
<i>NCREIF Property Index</i>			2.5		4.9		10.5		12.6		2.1		9.5	
<i>BlackRock II Leveraged - Gross</i>	41,203,687	0.6%	0.7		1.2		16.7		14.2		1.8		10.0	Jul-04
<i>BlackRock II Leveraged - Net</i>			0.5		0.9		16.0		13.5					
<i>NCREIF Property Index</i>			2.5		4.9		10.5		12.6		2.1		8.2	
<i>BlackRock II Unleveraged</i>			0.8		1.5		12.3		12.0		0.8		8.1	Oct-00
<i>NCREIF Property Index</i>			2.5		4.9		10.5		12.6		2.1		8.3	
<i>CornerStone Leveraged - Gross</i>	129,393,457	2.0%	3.4		7.0		16.3		21.6		1.9		6.4	Jun-04
<i>CornerStone Leveraged - Net</i>			3.1		6.4		15.4		20.4					
<i>NCREIF Property Index</i>			2.5		4.9		10.5		12.6		2.1		8.5	
<i>CornerStone Unleveraged</i>			2.5		5.2		12.3		15.8		3.5		6.0	Jun-04
<i>NCREIF Property Index</i>			2.5		4.9		10.5		12.6		2.1		8.5	
<b>Real Estate - Separate</b>	<b>377,638,299</b>	<b>5.7%</b>	<b>2.5</b>		<b>6.0</b>		<b>14.8</b>		<b>18.2</b>				<b>0.5</b>	<b>Oct-08</b>
<i>NCREIF Property Index</i>			2.5		4.9		10.5		12.6				2.0	

<sup>1</sup> See Appendix for Benchmark History.

Performance Summary

Periods Ending December 31, 2012

	Asset \$	%	1 Quarter		Fiscal YTD		1 Year		3 Year		5 Year		Since Inception		
			Return	Rank *	Return	Rank	Return	Rank	Return	Rank	Return	Rank	Return		
<b>RE Limited Partnerships</b>															
BlackRock Granite Property - Gross	50,527,506	0.8%	2.3		5.2		10.6		14.3		-6.3		0.7	Oct-05	
BlackRock Granite Property - Net			2.1		4.8		9.6		13.7						
NCREIF-ODCE			2.4		5.2		10.9		14.4		-1.1		4.1		
Cornerstone Patriot - Gross	77,556,649	1.2%	1.9		4.9		11.4		13.5		-0.5		6.3	Oct-04	
Cornerstone Patriot - Net			1.7		4.4		10.3		12.5						
NCREIF-ODCE			2.4		5.2		10.9		14.4		-1.1		5.9		
<b>Real Estate - Limited Partnerships</b>	<b>128,084,155</b>	<b>1.9%</b>	<b>2.1</b>		<b>5.0</b>		<b>11.1</b>		<b>13.8</b>				<b>-3.7</b>	<b>Oct-08</b>	
NCREIF-ODCE			2.4		5.2		10.9		14.4				-1.5		
<b>Real Assets Composite <sup>9</sup></b>	<b>650,161,735</b>	<b>9.9%</b>	<b>1.0</b>		<b>5.6</b>		<b>11.2</b>						<b>11.2</b>	<b>Jan-12</b>	
CPI-U Headline + 5%			1.1		3.3		6.7						6.7		
<b>OPPORTUNISTIC MANAGERS</b>															
PIMCO Distressed Mortgage - Gross	18,907,019	0.3%	5.3		43.5		68.7		34.1		17.9		17.3	Nov-07	
PIMCO Distressed Mortgage - Net			5.0		42.6		66.5		32.7		16.4		15.9		
Barclays Aggregate			0.2		1.8		4.2		6.2		5.9		6.2		
TCW MetWest TALF - Gross	2,697,007	0.0%	1.7		1.1		-0.6		4.5				6.1	Jul-09	
TCW MetWest TALF - Net			1.7		1.1		-0.6								
Barclays Aggregate			0.2		1.8		4.2		6.2		5.9		6.5		

<sup>9</sup> Effective 1/1/12, composite includes Commodities and Real Estate Separate Accounts and Limited Partnerships.

Performance Summary

Periods Ending December 31, 2012

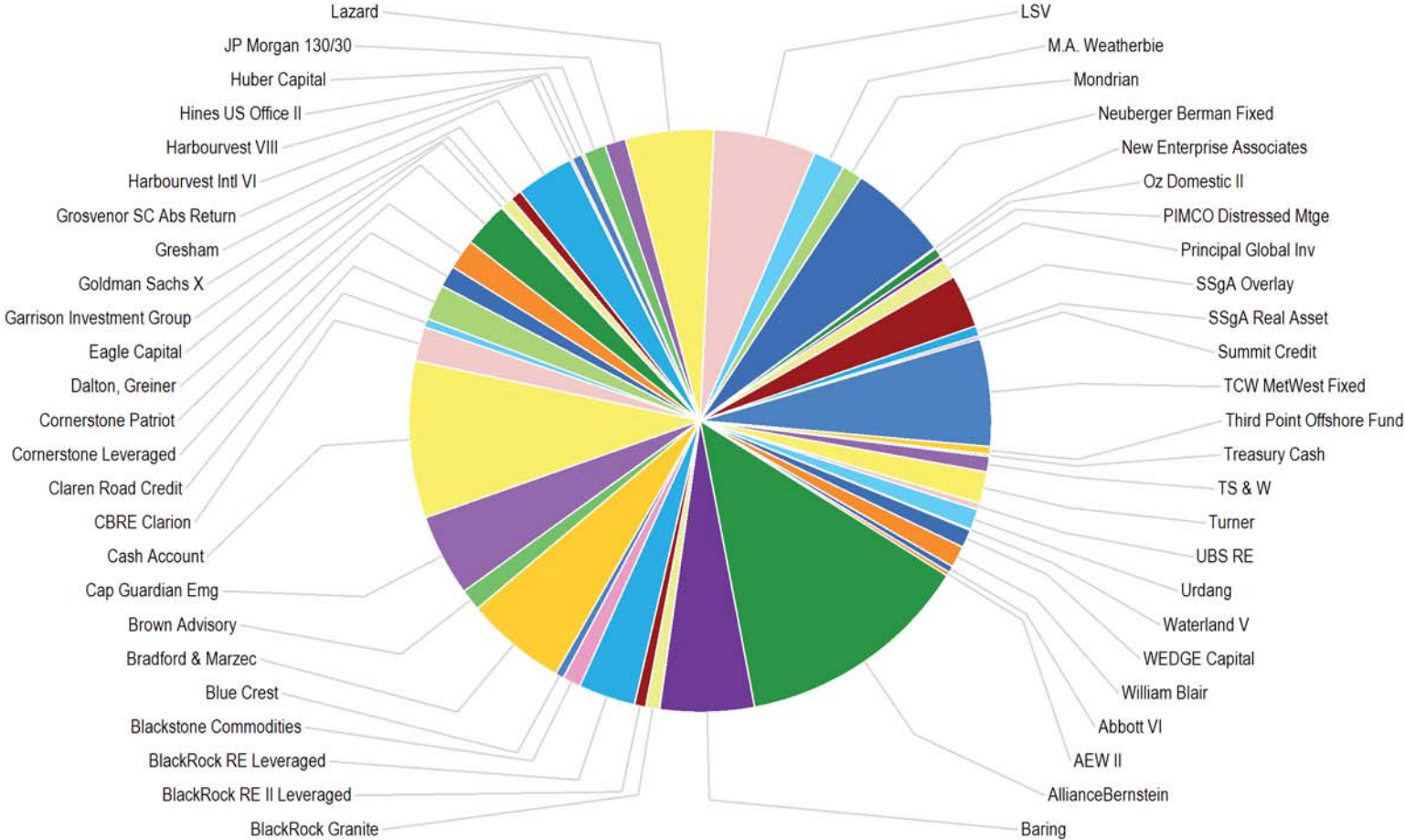
	Asset \$	%	1 Quarter		Fiscal YTD		1 Year		3 Year		5 Year		Since Inception	
			Return	Rank *	Return	Rank	Return	Rank	Return	Rank	Return	Rank	Return	
<b>RE Value Added <sup>8</sup></b>														
AEW II - Gross	14,623,951	0.2%	4.8		8.3		21.0		16.8		-6.4		-5.7	Jun-07
AEW II - Net			4.5		7.7		19.8		14.2		-8.4		-7.7	
NCREIF + 2% 1Q Lag			2.8		6.0		13.0		12.9		4.3		6.2	
Hines US Office - Gross	9,063,007	0.1%	5.4		12.1		9.5		-25.8		-28.4		-29.6	Sep-07
Hines US Office - Net			4.6		10.4		5.9		-29.4		-32.2		-34.8	
NCREIF + 2% 1Q Lag			2.8		6.0		13.0		12.9		4.3		5.7	
UBS RE - Gross	23,445,140	0.4%	2.5		8.2		18.6		16.6		-13.3		-5.8	Oct-06
UBS RE - Net			2.3		7.8		17.8		15.8		-14.4		-8.0	
NCREIF + 2% 1Q Lag			2.8		6.0		13.0		12.9		4.3		7.0	
<b>Real Estate - Value Added</b>	<b>47,132,098</b>	<b>0.7%</b>	<b>3.8</b>		<b>8.9</b>		<b>17.0</b>		<b>3.3</b>				<b>-18.0</b>	<b>Oct-08</b>
NCREIF + 2% 1Q Lag			2.8		6.0		13.0		12.9				3.4	
<b>Opportunistic Composite</b>	<b>68,736,124</b>	<b>1.0%</b>	<b>3.8</b>		<b>15.0</b>		<b>28.2</b>		<b>17.5</b>		<b>6.3</b>		<b>6.0</b>	<b>Nov-07</b>
Barclays Aggregate			0.2		1.8		4.2		6.2		5.9		6.2	
<b>CASH</b>														
Cash	571,581,235	8.7%	0.0		0.1		0.1		0.2		0.5		3.8	Jun-92
91 Day T-Bills			0.0		0.0		0.1		0.1		0.3		3.0	
Treasury Cash	7,776,023	0.1%	0.1		0.2		0.4							
91 Day T-Bills			0.0		0.0		0.1							
<b>Cash Composite</b>	<b>579,357,258</b>	<b>8.8%</b>	<b>0.0</b>		<b>0.0</b>		<b>0.6</b>		<b>0.3</b>		<b>0.2</b>		<b>3.7</b>	<b>Jun-92</b>
91 Day T-Bills			0.0		0.0		0.1		0.1		0.3		3.0	

<sup>8</sup> Returns are one-quarter lag.



Manager Allocation Analysis - Total Plan

As Of December 31, 2012



## Manager Allocation Analysis - Total Plan

As Of December 31, 2012

	Current Balance	Current Allocation
AllianceBernstein	\$858,466,016	13.1%
Blackrock Enhanced LC	\$1,265	0.0%
JP Morgan 130/30	\$76,085,301	1.2%
Blackrock 130/30	\$0	0.0%
Brown Advisory	\$77,968,287	1.2%
INTECH	\$727	0.0%
Eagle Capital	\$165,196,530	2.5%
Huber Capital	\$81,101,348	1.2%
Pzena	\$1,249	0.0%
Transition Acct	\$5,923	0.0%
M.A. Weatherbie	\$114,607,707	1.7%
Turner	\$115,587,392	1.8%
Dalton, Greiner	\$110,088,935	1.7%
TS & W	\$55,546,831	0.8%
WEDGE Capital	\$66,231,291	1.0%
Principal Global Inv	\$68,112,397	1.0%
Urdang	\$74,693,228	1.1%
Baring	\$342,824,537	5.2%
Lazard	\$321,327,348	4.9%
LSV	\$373,210,266	5.7%
Mondrian	\$72,764,825	1.1%
William Blair	\$78,429,698	1.2%
Transition Account	\$6	0.0%
Cap Guardian Dev	\$315,466	0.0%
Invesco	\$200,825	0.0%

## Manager Allocation Analysis - Total Plan

As Of December 31, 2012

	Current Balance	Current Allocation
Cap Guardian Emg	\$298,401,636	4.5%
CBRE Clarion	\$125,375,972	1.9%
Bradford & Marzec	\$367,639,447	5.6%
Neuberger Berman Fixed	\$366,236,578	5.6%
TCW MetWest Fixed	\$390,498,115	5.9%
Blue Crest	\$30,962,550	0.5%
Claren Road Credit	\$30,738,576	0.5%
Elliot Associates	\$2,650,175	0.0%
Grosvenor	\$2,180,073	0.0%
Grosvenor SC Abs Return	\$211,435,525	3.2%
Oz Domestic II	\$33,673,224	0.5%
Third Point Offshore Fund	\$28,216,422	0.4%
Abbott VI	\$23,950,936	0.4%
Garrison Investment Group	\$5,340,894	0.1%
Goldman Sachs X	\$42,527,620	0.6%
Harbourvest VIII	\$36,720,034	0.6%
Harbourvest Intl VI	\$9,209,539	0.1%
Khosla IV	\$2,583,095	0.0%
New Enterprise Associates	\$4,368,943	0.1%
Summit Credit	\$11,319,960	0.2%
Summit Ventures	\$2,108,323	0.0%
Waterland V	\$3,967,617	0.1%
Blackstone Commodities	\$65,990,692	1.0%
Gresham	\$41,188,155	0.6%
SSgA Real Asset	\$37,260,434	0.6%

## Manager Allocation Analysis - Total Plan

As Of December 31, 2012

	Current Balance	Current Allocation
BlackRock RE Leveraged	\$207,041,155	3.1%
BlackRock RE II Leveraged	\$41,203,687	0.6%
Cornerstone Leveraged	\$129,393,457	2.0%
BlackRock Granite	\$50,527,506	0.8%
Cornerstone Patriot	\$77,556,649	1.2%
PIMCO Distressed Mtge	\$18,907,019	0.3%
TCW MetWest TALF	\$2,697,007	0.0%
AEW II	\$14,623,951	0.2%
Hines US Office II	\$9,063,007	0.1%
UBS RE	\$23,445,140	0.4%
Cash Account	\$571,581,235	8.7%
Treasury Cash	\$7,776,023	0.1%
Bank of Ireland	\$2,115	0.0%
Heitman Adv JMB V	\$7,339	0.0%
SSgA Overlay	\$192,723,076	2.9%
<b>Total</b>	<b>\$6,573,860,296</b>	<b>100.0%</b>

## Risk Statistics Summary - Total Plan

Periods Ending December 31, 2012

## Statistics Summary

## 3 Years

	Anlzd Return	Anlzd Return Rank	Anlzd Standard Deviation	Anlzd Standard Deviation Rank	Sharpe Ratio	Sharpe Ratio Rank	Information Ratio	Information Ratio Rank	Tracking Error	Tracking Error Rank
Total Fund	8.9%	58	10.5%	84	0.8	81	-0.1	59	1.8%	29
Policy Index	9.1%	40	9.7%	67	0.9	62	--	--	0.0%	1
Total Fund ex Overlay	8.3%	89	10.1%	76	0.8	90	-0.5	94	1.6%	9
Policy Index	9.1%	40	9.7%	67	0.9	62	--	--	0.0%	1

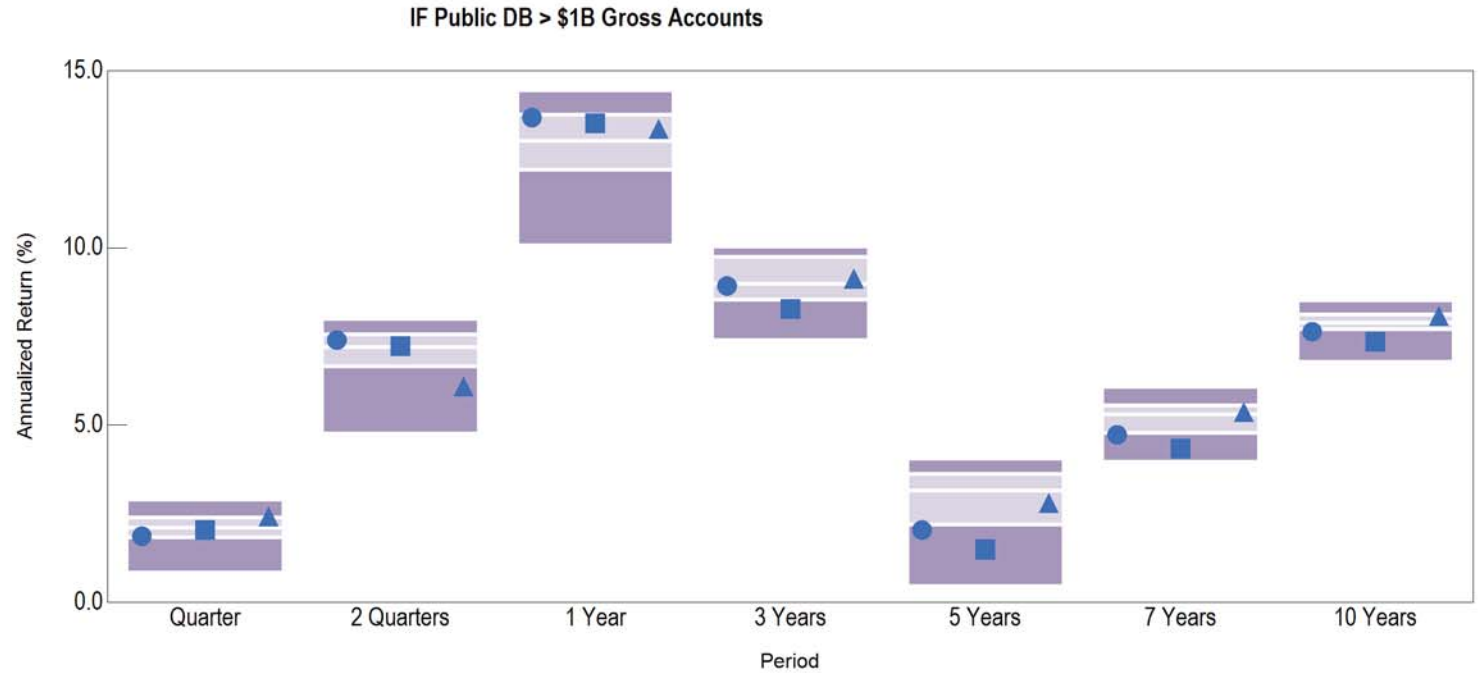
## Statistics Summary

## 5 Years

	Anlzd Return	Anlzd Return Rank	Anlzd Standard Deviation	Anlzd Standard Deviation Rank	Sharpe Ratio	Sharpe Ratio Rank	Information Ratio	Information Ratio Rank	Tracking Error	Tracking Error Rank
Total Fund	2.0%	78	12.8%	62	0.1	82	-0.3	86	2.4%	31
Policy Index	2.8%	60	12.8%	63	0.2	59	--	--	0.0%	1
Total Fund ex Overlay	1.5%	88	12.1%	38	0.1	90	-0.4	95	3.0%	64
Policy Index	2.8%	60	12.8%	63	0.2	59	--	--	0.0%	1

Total Returns - Total Plan

Periods Ending December 31, 2012

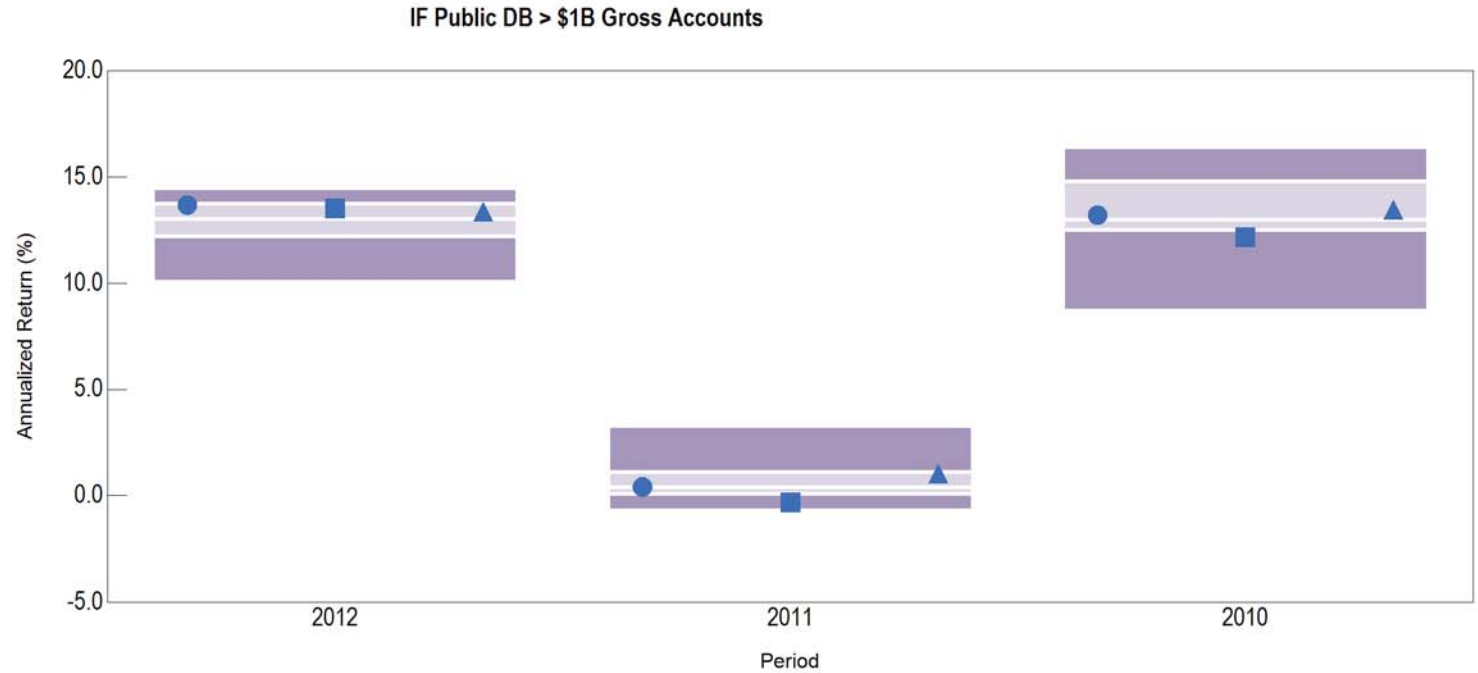


Return (Rank)

5th Percentile	2.9	8.0	14.4	10.0	4.0	6.1	8.5
25th Percentile	2.4	7.6	13.8	9.8	3.6	5.6	8.1
Median	2.1	7.2	13.0	9.0	3.1	5.3	7.9
75th Percentile	1.8	6.7	12.2	8.5	2.2	4.8	7.7
95th Percentile	0.9	4.8	10.1	7.4	0.5	4.0	6.8
# of Portfolios	36	36	36	33	32	32	31
● Total Fund	1.8 (75)	7.4 (41)	13.7 (29)	8.9 (58)	2.0 (78)	4.7 (76)	7.6 (78)
■ Total Fund ex Overlay	2.0 (61)	7.2 (50)	13.5 (35)	8.3 (89)	1.5 (88)	4.3 (87)	7.4 (83)
▲ Policy Index	2.4 (24)	6.1 (87)	13.4 (36)	9.1 (40)	2.8 (60)	5.4 (42)	8.1 (29)

Total Returns - Total Plan

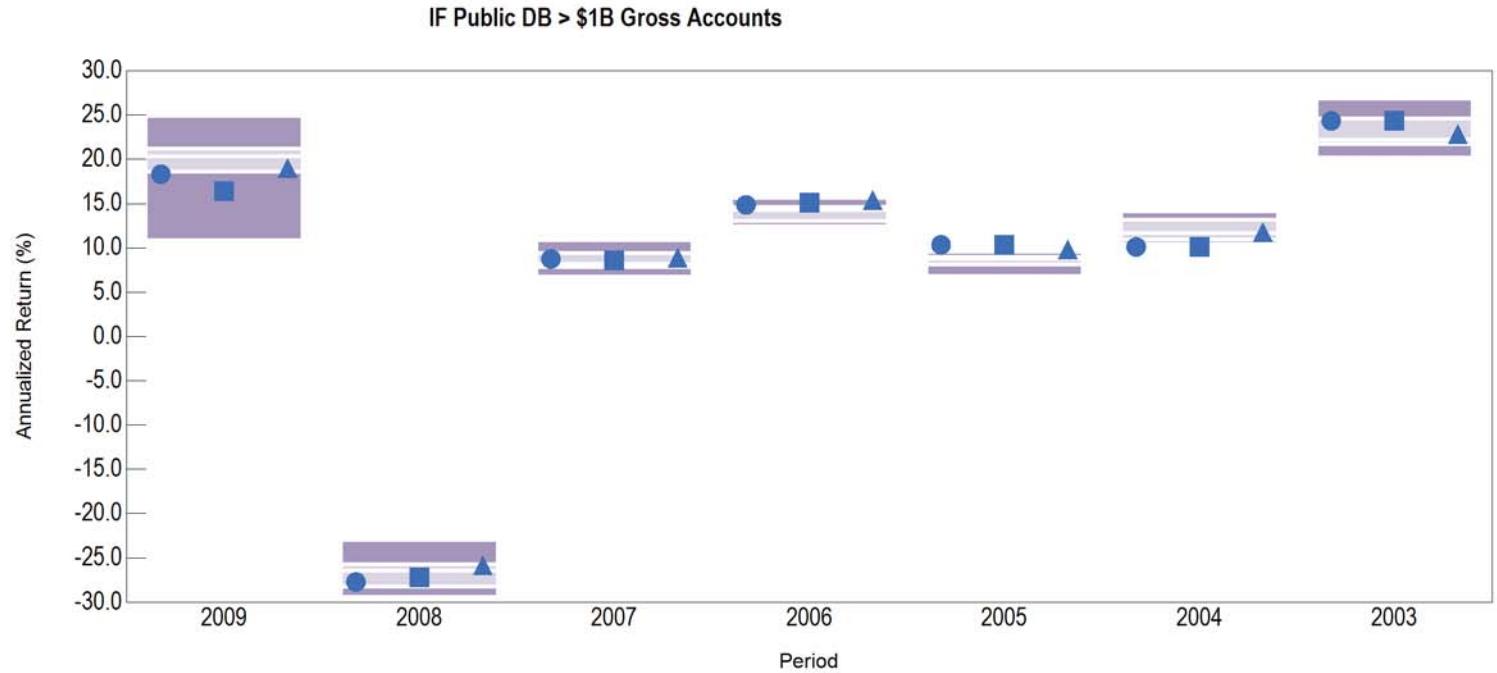
Calendar Year Periods



	2012		2011		2010	
5th Percentile	14.4		3.3		16.4	
25th Percentile	13.8		1.1		14.8	
Median	13.0		0.4		13.0	
75th Percentile	12.2		0.1		12.5	
95th Percentile	10.1		-0.7		8.7	
# of Portfolios	36		12		11	
● Total Fund	13.7	(29)	0.4	(50)	13.2	(49)
■ Total Fund ex Overlay	13.5	(35)	-0.3	(88)	12.2	(88)
▲ Policy Index	13.4	(36)	1.0	(28)	13.5	(46)

Total Returns - Total Plan

Calendar Year Periods



	Return (Rank)													
	2009		2008		2007		2006		2005		2004		2003	
5th Percentile	24.9	(81)	-23.0	(64)	10.8	(45)	15.6	(19)	9.5	(1)	14.1	(99)	26.8	(32)
25th Percentile	21.3	(85)	-25.7	(57)	9.4	(47)	14.7	(15)	9.0	(1)	13.2	(99)	24.7	(32)
Median	20.4	(68)	-26.4	(42)	8.3	(43)	14.3	(9)	8.8	(1)	11.7	(50)	22.3	(46)
75th Percentile	18.6	(81)	-28.2	(64)	7.8	(45)	13.1	(19)	8.2	(1)	11.0	(99)	21.8	(32)
95th Percentile	10.9	(85)	-29.4	(57)	6.8	(47)	12.5	(15)	6.8	(1)	10.4	(99)	20.3	(32)
# of Portfolios	11		11		11		11		11		11		11	
● Total Fund	18.3	(81)	-27.7	(64)	8.7	(45)	14.9	(19)	10.3	(1)	10.1	(99)	24.4	(32)
■ Total Fund ex Overlay	16.4	(85)	-27.2	(57)	8.6	(47)	15.1	(15)	10.3	(1)	10.1	(99)	24.4	(32)
▲ Policy Index	19.0	(68)	-25.8	(42)	8.9	(43)	15.4	(9)	9.8	(1)	11.8	(50)	22.9	(46)



**Total Plan Policy Benchmark**

	As of:					
	1/1/2012	1/1/2008	2/1/2006	9/1/2004	1/1/2000	7/1/1986
Russell 3000	22.5%	30.0%				47.0%
Russell 1000			30.0%	30.0%	35.0%	
Russell 2000			5.0%	5.0%	5.0%	
MSCI AC World ex-US	22.5%	20.0%				
MSCI EAFE			15.0%	15.0%	15.0%	15.0%
MSCI Emg Mkt			5.0%	5.0%	5.0%	
Barclays Aggregate	20.0%	20.0%	25.0%	25.0%	30.0%	
Citigroup BIG						23.0%
NCREIF Property		12.0%	12.0%	15.0%	10.0%	15.0%
NAREIT Property		3.0%	3.0%			
91 Day T Bill + 5%	10.0%	5.0%	5.0%	5.0%		
Dow Jones UBS Commodity		5.0%				
S&P 500 + 2%		5.0%				
Russell 1000 + 3%	10.0%					
CPI-U Headline + 5%	15.0%					
	100%	100%	100%	100%	100%	100%

**US Equity Benchmark**

	As of:			
	1/1/2008	9/1/2004	1/1/2000	7/1/1986
Russell 1000		85.70%	87.50%	
Russell 2000		14.30%	22.50%	
Russell 3000	100.00%			100.00%
	100%	100%	110%	100%

**AllianceBernstein Benchmark**

	As of:		
	1/1/2001	1/1/1998	5/1/1989
Russell 1000	100%		
Russell 3000		100%	
Wilshire 2500			100%
	100.0%	100.0%	100.0%

**International Equity Benchmark**

	As of:		
	1/1/2008	1/1/2000	7/1/1986
MSCI AC World ex-US	100.00%		
MSCI EAFE		75.00%	100.00%
MSCI Emg Mkt		25.00%	
	100.0%	100.0%	100.0%

**US Fixed Income Benchmark**

	As of:	
	1/1/2000	7/1/1986
Citigroup BIG	100.00%	
Barclays Aggregate	100.00%	100.0%
	100.0%	100.0%

**Bradford & Marzec Benchmark**

	As of:	
	10/1/1998	7/1/1988
Barclays Aggregate	100%	
Citigroup BIG		100%
	100.0%	100.0%

**Private Equity**

	As of:	
	1/1/2012	1/1/2008
S&P 500 +2% Quarter Lagged	100%	
Russell 1000 + 3% Quarter Lagged		100%
	100.0%	100.0%

**SSgA Real Asset Benchmark**

	As of:	
	2/1/2008	
MSCI World Natural Resources Index	25%	
Wilshire REIT	30%	
BC Global Inflation Linked: US Tips	20%	
Goldman Sachs Commodities Index	25%	
	100.0%	

**Real Asset Benchmark**

	As of:	
	1/1/2012	
CPI-U Headline + 5%	100%	
	100%	